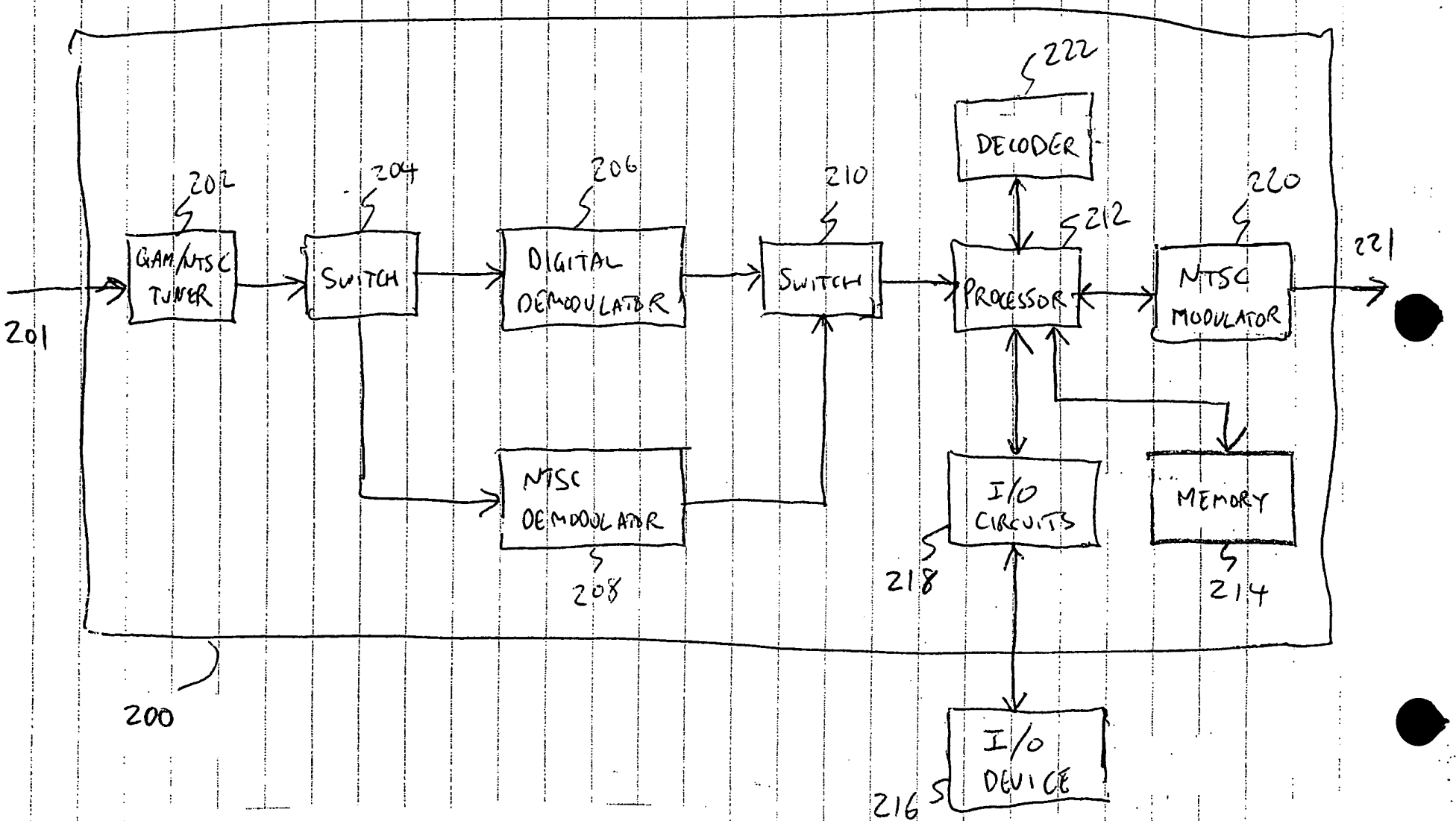

201
GAM/NTSC TUNER
202
SWITCH
204
DIGITAL DEMODULATOR
206
NTSC DEMODULATOR
208
SWITCH
210
DECODER
222
PROCESSOR
212
NTSC MODULATOR
220
221
I/O CIRCUITS
218
MEMORY
214
I/O DEVICE
216
200

FIG 2

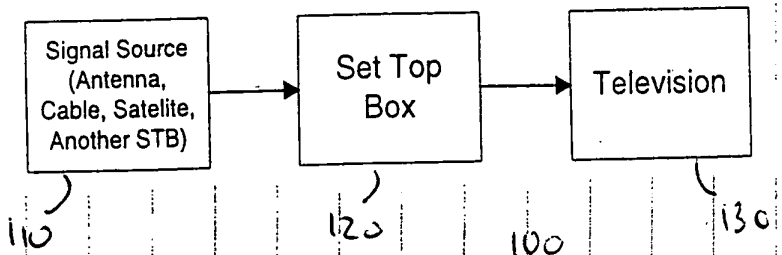

Signal Source (Antenna, Cable, Satelite, Another STB)
Set Top Box
Television
110
120
130
100

FIG 1

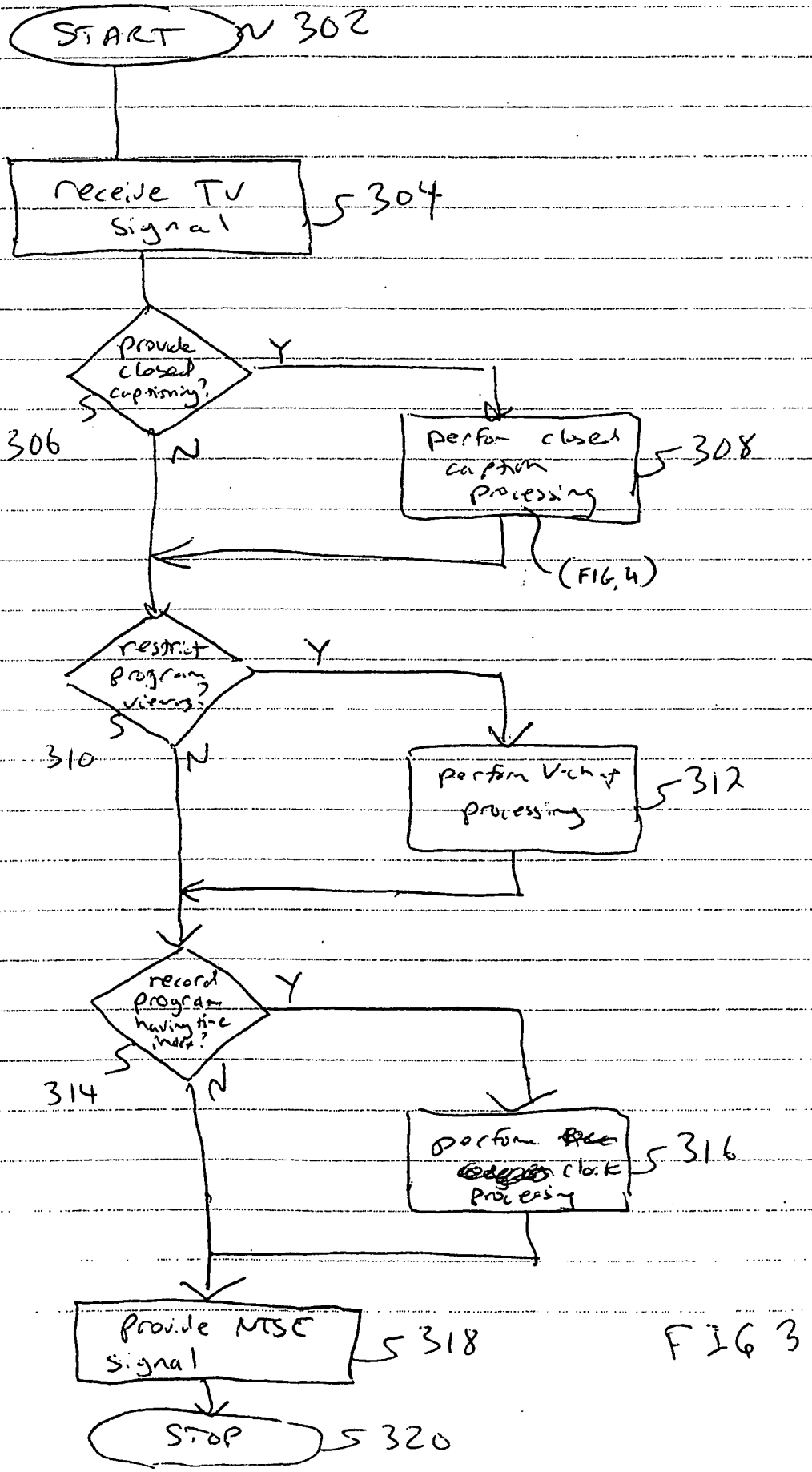
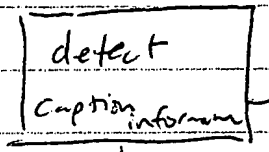
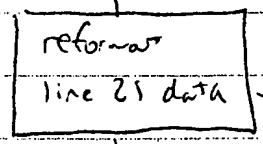

START
302
receive TV signal
304
provide closed captioning?
306
Y
N
perform closed caption processing
308
(FIG. 4)
restrict program viewing?
310
Y
N
perform V-chip processing
312
record program having time limit?
314
Y
N
perform clock processing
316
Provide NTSC signal
318
STOP
320

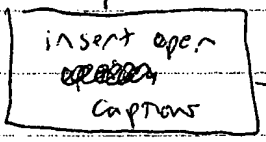
FIG 3



410

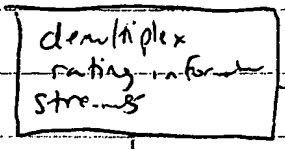


420

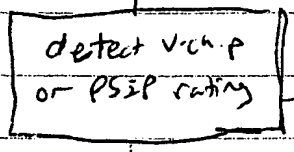


430

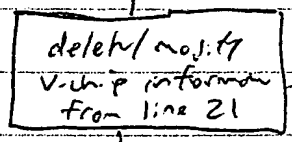
FIG 4



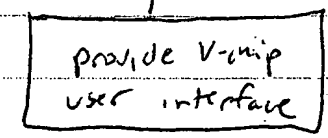
510



520

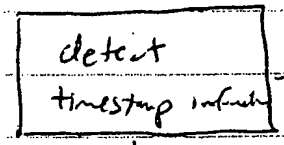


530

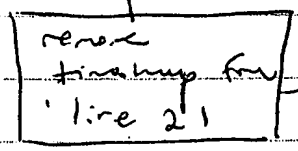


540

FIG 5



610



620

FIG 6